CONTENTS

Álvarez, Venancio and Rodríguez, José M., Structure theorems for Riemann and topological surfaces .. 153
Alzer, Horst, On Ramanujan's inequalities for $\exp(k)$ .. 639
Andrica, Dorin and Funar, Louis, On smooth maps with finitely many critical points 783

Beattie, M. and Dăscălescu, S., Hopf algebras of dimension 14 .. 65
Berkman, Ayşe and Borovik, Alexandre V., A generic identification theorem for groups of finite Morley rank .. 14
Bivià-Ausina, Carles, The integral closure of modules, Buchsbaum–Rim multiplicities and Newton polyhedra .. 407
Borovik, Alexandre V., *see* Berkman, Ayşe
Boyd, David A., The immediate basin of attraction of infinity for polynomial semigroups of finite type .. 201
Brown, B. M. and Reichel, W., Eigenvalues of the radially symmetric p-Laplacian in $\mathbb{R}^n$ 657

Caldero, Philippe and Marsh, Robert, A multiplicative property of quantum flag minors II .. 608
Carberry, Emma and McIntosh, Ian, Minimal Lagrangian 2-tori in $\mathbb{CP}^2$ come in real families of every dimension .. 531
Chan, Wai Kiu and Earnest, A. G., Discriminant bounds for spinor regular ternary quadratic lattices .. 545
Conder, M. D. E. and Isaacs, I. M., Derived subgroups of products of an abelian and a cyclic subgroup .. 333
Coudene, Yves, Topological dynamics and local product structure .. 441

Danilenko, Alexandre I. and Silva, Cesar E., Multiple and polynomial recurrence for Abelian actions in infinite measure .. 183
Dăscălescu, S., *see* Beattie, M.
Davis, Burgess and Hosseini, Majid, On ratio inequalities for heat content .. 97
Dias, Ana Paula S. and Stewart, Ian, Symmetry groupoids and admissible vector fields for coupled cell networks .. 707

Earnest, A. G., *see* Chan, Wai Kiu
Engler, A., Haran, D., Kochloukova, D. and Zalesskii, P. A., Normal subgroups of profinite groups of finite cohomological dimension .. 317

Fabian, M., Montesinos, V. and Zizler, V., A characterization of subspaces of weakly compactly generated Banach spaces .. 457
Feinstein, Joel F. and Kamowitz, Herbert, Compact endomorphisms of Banach algebras of infinitely differentiable functions .. 489
Funar, Louis, *see* Andrica, Dorin

Gabrielov, A., Vorobjov, N. and Zell, T., Betti numbers of semialgebraic and sub-Pfaffian sets .. 27
Grandjean, V., Infinite relative determinacy of smooth function germs with transverse isolated singularities and relative Łojasiewicz conditions .. 518
Gräter, J. and Weese, M., On the norm equation over function fields .. 575
Grinshpan, Anatolii, Electrostatics, hyperbolic geometry and wandering vectors .. 169

Halberstadt, Emmanuel and Kraus, Alain, Une conjecture de Lebesgue .. 291
Haran, D., *see* Engler, A.
Hemmer, David J. and Nakano, Daniel K., Specht filtrations for Hecke algebras of type A .. 623
Hironaka, Eriko, Chord diagrams and Coxeter links .. 243
Holmes, Petra E. and Wilson, Robert A., $\mathrm{PSL}_2(59)$ is a subgroup of the Monster .. 141
Hosseini, Majid, *see* Davis, Burgess
Hubery, Andrew, Quiver representations respecting a quiver automorphism: a generalisation of a theorem of Kac .. 79

Ichimura, Humio, On a theorem of Childs on normal bases of rings of integers: addendum 303
Inninger, Clemens and Peherstorfer, Franz, Explicit rational functions whose Julia sets are Jordan arcs .. 676

CONTENTS

Álvarez, Venancio and Rodríguez, José M., Structure theorems for Riemann and topological surfaces .. 153
Alzer, Horst, On Ramanujan's inequalities for $\exp(k)$ .. 639
Andrica, Dorin and Funar, Louis, On smooth maps with finitely many critical points 783

Beattie, M. and Dăscălescu, S., Hopf algebras of dimension 14 .. 65
Berkman, Ayşe and Borovik, Alexandre V., A generic identification theorem for groups of finite Morley rank .. 14
Bivià-Ausina, Carles, The integral closure of modules, Buchsbaum–Rim multiplicities and Newton polyhedra .. 407
Borovik, Alexandre V., *see* Berkman, Ayşe
Boyd, David A., The immediate basin of attraction of infinity for polynomial semigroups of finite type .. 201
Brown, B. M. and Reichel, W., Eigenvalues of the radially symmetric p-Laplacian in $\mathbb{R}^n$ 657

Caldero, Philippe and Marsh, Robert, A multiplicative property of quantum flag minors II .. 608
Carberry, Emma and McIntosh, Ian, Minimal Lagrangian 2-tori in $\mathbb{CP}^2$ come in real families of every dimension .. 531
Chan, Wai Kiu and Earnest, A. G., Discriminant bounds for spinor regular ternary quadratic lattices .. 545
Conder, M. D. E. and Isaacs, I. M., Derived subgroups of products of an abelian and a cyclic subgroup .. 333
Coudene, Yves, Topological dynamics and local product structure .. 441

Danilenko, Alexandre I. and Silva, Cesar E., Multiple and polynomial recurrence for Abelian actions in infinite measure .. 183
Dăscălescu, S., *see* Beattie, M.
Davis, Burgess and Hosseini, Majid, On ratio inequalities for heat content .. 97
Dias, Ana Paula S. and Stewart, Ian, Symmetry groupoids and admissible vector fields for coupled cell networks .. 707

Earnest, A. G., *see* Chan, Wai Kiu
Engler, A., Haran, D., Kochloukova, D. and Zalesskii, P. A., Normal subgroups of profinite groups of finite cohomological dimension .. 317

Fabian, M., Montesinos, V. and Zizler, V., A characterization of subspaces of weakly compactly generated Banach spaces .. 457
Feinstein, Joel F. and Kamowitz, Herbert, Compact endomorphisms of Banach algebras of infinitely differentiable functions .. 489
Funar, Louis, *see* Andrica, Dorin

Gabrielov, A., Vorobjov, N. and Zell, T., Betti numbers of semialgebraic and sub-Pfaffian sets .. 27
Grandjean, V., Infinite relative determinacy of smooth function germs with transverse isolated singularities and relative Łojasiewicz conditions .. 518
Gräter, J. and Weese, M., On the norm equation over function fields .. 575
Grinshpan, Anatolii, Electrostatics, hyperbolic geometry and wandering vectors .. 169

Halberstadt, Emmanuel and Kraus, Alain, Une conjecture de Lebesgue .. 291
Haran, D., *see* Engler, A.
Hemmer, David J. and Nakano, Daniel K., Specht filtrations for Hecke algebras of type A .. 623
Hironaka, Eriko, Chord diagrams and Coxeter links .. 243
Holmes, Petra E. and Wilson, Robert A., $\mathrm{PSL}_2(59)$ is a subgroup of the Monster .. 141
Hosseini, Majid, *see* Davis, Burgess
Hubery, Andrew, Quiver representations respecting a quiver automorphism: a generalisation of a theorem of Kac .. 79

Ichimura, Humio, On a theorem of Childs on normal bases of rings of integers: addendum 303
Inninger, Clemens and Peherstorfer, Franz, Explicit rational functions whose Julia sets are Jordan arcs .. 676

ISAACS, I. M., *see* Conder, M. D. E.

JANECZKO, STANISŁAW and JELONEK, ZBIGNIEW, Linear automorphisms that are symplectomorphisms 503
JELONEK, ZBIGNIEW, *see* Janeczko, Stanisław

KAMOWITZ, HERBERT, *see* Feinstein, Joel F.
KEISLER, H. JEROME and SUN, YENENG, A metric on probabilities, and products of Loeb spaces 258
KEYANTUO, VALENTIN and LIZAMA, CARLOS, Fourier multipliers and integro-differential equations in Banach spaces 737
KOCHLOUKOVA, D., *see* Engler, A.
KONDRATIEV, VLADIMIR, LISKEVICH, VITALI, SOBOL, ZEEV and US, OLEKSIY, Estimates of heat kernels for a class of second-order elliptic operators with applications to semi-linear inequalities in exterior domains 107
KRAUS, ALAIN, *see* Halberstadt, Emmanuel
KUZUCUOĞLU, MAHMUT and SHUMYATSKY, PAVEL, Involutions in locally finite groups .. 306

LISKEVICH, VITALI, *see* Kondratiev, Vladimir
LIZAMA, CARLOS, *see* Keyantuo, Valentin
LOVEJOY, JEREMY, Overpartition theorems of the Rogers–Ramanujan type 562

MA, JIHUA and WEN, ZHIYING, Hausdorff and packing measure of sets of generic points: a zero-infinity law 383
MARSH, ROBERT, *see* Caldero, Philippe
MARSON, ANDREA, Nonconvex conservation laws and ordinary differential equations 428
MARTIN-PIZARRO, AMADOR and PILLAY, ANAND, Elliptic and hyperelliptic curves over supersimple fields 1
MARTÍNEZ TORRES, DAVID, Global classification of generic multi-vector fields of top degree 751
MARZANTOWICZ, WACŁAW and PRIETO, CARLOS, The unstable equivariant fixed point index and the equivariant degree 214
MCINTOSH, IAN, *see* Carberry, Emma
MILITARU, G., Heisenberg double, pentagon equation, structure and classification of finite-dimensional Hopf algebras 44
MONTESINOS, V., *see* Fabian, M.
MORA-CORRAL, C., On the uniqueness of the algebraic multiplicity 231

NAKANO, DANIEL K., *see* Hammer, David J.
NÉMETHI, ANDRÁS and NICOLAESCU, LIVIU I., Seiberg–Witten invariants and surface singularities. II: Singularities with good $\mathbb{C}^*$-action 593
NICOLAESCU, LIVIU I., *see* Némethi, András

OTTO, FRIEDRICH, *see* Pride, Stephen J.

PANYUSHEV, DMITRI I., Weight multiplicity free representations, g-endomorphism algebras, and Dynkin polynomials 273
PARKER, CHRISTOPHER and ROWLEY, PETER, A characteristic 5 identification of the Lyons group 128
PEHERSTORFER, FRANZ, *see* Inninger, Clemens
PILLAY, ANAND, *see* Martin-Pizarro, Amador
PRIDE, STEPHEN J. and OTTO, FRIEDRICH, For rewriting systems the topological finiteness conditions FDT and FHT are not equivalent 363
PRIETO, CARLOS, *see* Marzantowicz, Wacław

REICHEL, W., *see* Brown, B. M.
ROBINSON JR, E. ARTHUR and ŞAHİN, AYŞE A., On the existence of Markov partitions for $\mathbb{Z}^d$ actions 693
RODRÍGUEZ, JOSÉ M., *see* Álvarez, Venancio
ROWLEY, PETER, *see* Parker, Christopher

ŞAHİN, AYŞE A., *see* Robinson Jr, E. Arthur
SHI, JIAN-YI, Yang–Baxter bases for Coxeter groups 349
SHUMYATSKY, PAVEL, *see* Kuzucuoğlu, Mahmut
SILVA, CESAR E., *see* Danilenko, Alexandre I.
SILVER, DANIEL S. and WILLIAMS, SUSAN G., Mahler measure of Alexander polynomials 767

SKRZYPCZAK, LESZEK, Entropy numbers of Trudinger–Strichartz embeddings of radial Besov spaces and applications 465
SOBOL, ZEEV, *see* Kondratiev, Vladimir
STEWART, IAN, *see* Dias, Ana Paula S.
SUN, YENENG, *see* Keisler, H. Jerome

US, OLEKSIY, *see* Kondratiev, Vladimir

VOROBJOV, N., *see* Gabrielov, A.

WATANABE, TOSHIRO, Exact packing measure on the boundary of a Galton–Watson tree 801
WEESE, M., *see* Gräter, J.
WEN, ZHIYING, *see* Ma, Jihua
WILLIAMS, SUSAN G., *see* Silver, Daniel S.
WILSON, ROBERT A., *see* Holmes, Petra E.

ZALESSKII, P. A., *see* Engler, A.
ZELL, T., *see* Gabrielov, A.
ZIZLER, V., *see* Fabian, M.